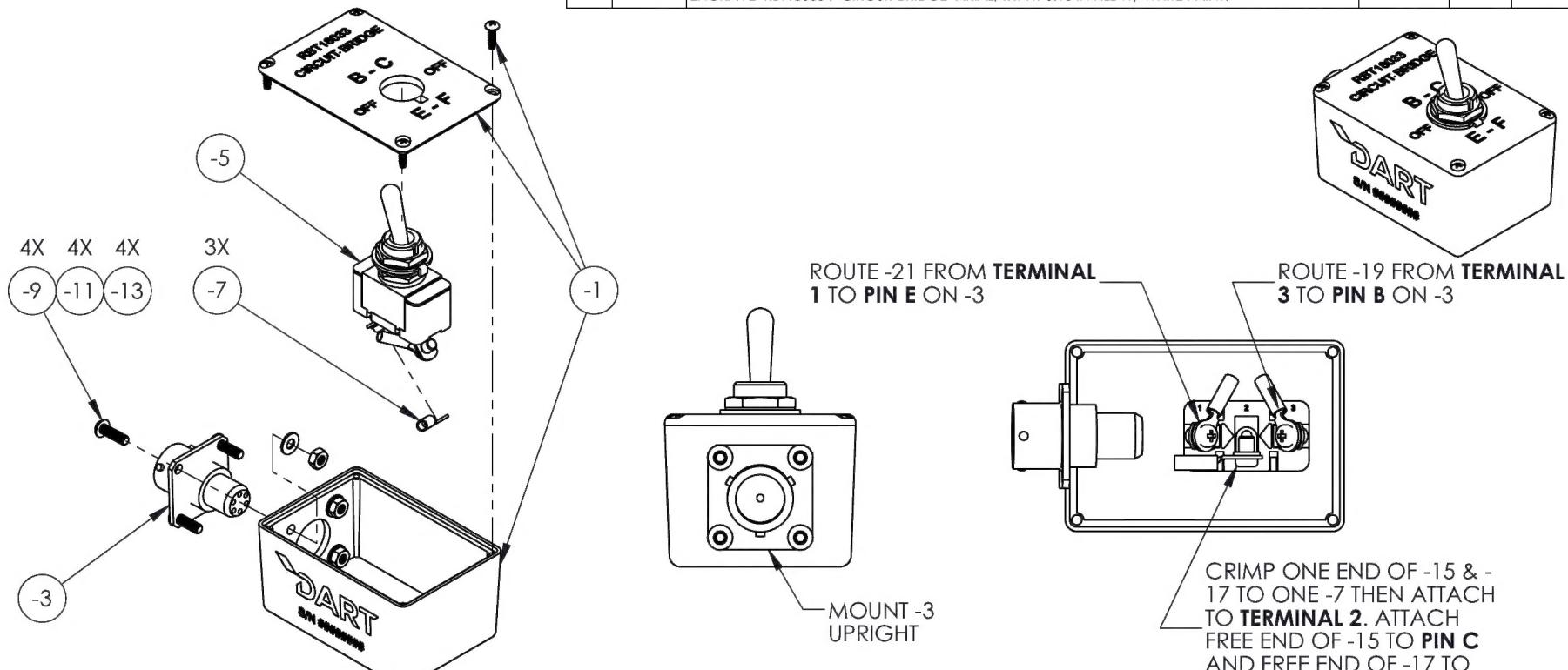


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REVISIONS							
REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION			6/21/2016	SM	JAG
2	17-0076	-1A CH'D DIM WAS Ø.591 THRU IS Ø.591 ± .25, WAS 4X Ø.126 THRU IS 4X Ø.126 ± .25. -1B CH'D NOTE WAS LASER ENGRAVE S/N, "CIRCUIT BRIDGE" ARIAL, TXT HT 0.13 IN FILL W/ WHITE PAINT IS LASER ENGRAVE "RBT18033", "CIRCUIT BRIDGE" ARIAL, TXT HT 0.13 IN FILL W/ WHITE PAINT.			3/31/2017	SM	JAG



NOTE:  
 1. USED IN KIT RBT18025.  
 2. TEST PER QMSF-8.1, RBT18033.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
X	B/O	-1	1	BOX			BMC-209D (ALLIED ELECTRONICS # 70020538 ) MODIFIED	1
1	B/O	-1A		BOX - BOTTOM	ABS	SEE-1 (MODIFIED)		2
1	B/O	-1B		BOX - TOP	ABS	SEE-1 (MODIFIED)		3
4	B/O	-1C		BOX SCREWS	STEEL	SEE-1		1
	B/O	-3	1	CONNECTOR			DIGI-KEY # PT02SE10-6P-025-ND	1
	B/O	-5	1	TOGGLE SWITCH			M12, ON-OFF-ON (DIGI-KEY # 360-1901-ND)	1
	B/O	-7	3	RING TERMINAL CONNECTOR			22 AWG, #6 STUD (DIGI-KEY # A122543-ND)	1
	B/O	-9	4	BUTTON-HEAD SOCKET CAP SCREW	SS		M3 X 0.5 X 10 MM (MCMASTER-CARR # 94500A223)	1
	B/O	-11	4	WASHER	SS		M3 (MCMASTER-CARR # 90965A130)	1
	B/O	-13	4	NUT	SS		M3 X 0.5 (MCMASTER-CARR # 91828A211)	N/S
	B/O	-15	1	WIRE 1			22 AWG X 2.5 IN, GREEN	N/S
	B/O	-17	1	WIRE 2			22 AWG X 2.2 IN, GREEN	N/S
	B/O	-19	1	WIRE 3			22 AWG X 2.0 IN, RED	N/S
	B/O	-21	1	WIRE 4			22 AWG X 4.0 IN, BLACK	1

**DART**  
AEROSPACE

TITLE  
BATTERY TEMP CAUTION LIGHT TESTER

RBT18033

REV  
2

MAT'L  
HEAT TREAT  
FINISH  
SPEC  
DRAWN BY: MACKOVJAK  
CHECKED: DUERFELDT  
OPPS APPR: ANDERSON  
QA APPR: LINDSAY  
APPROVED: GILBERT

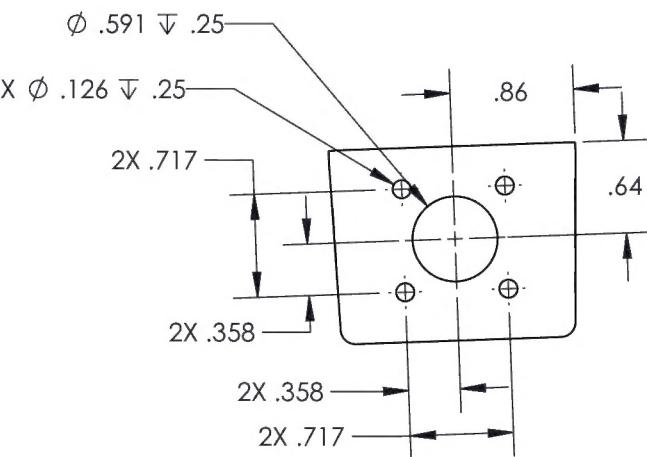
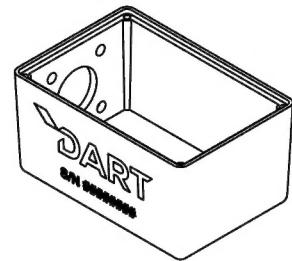
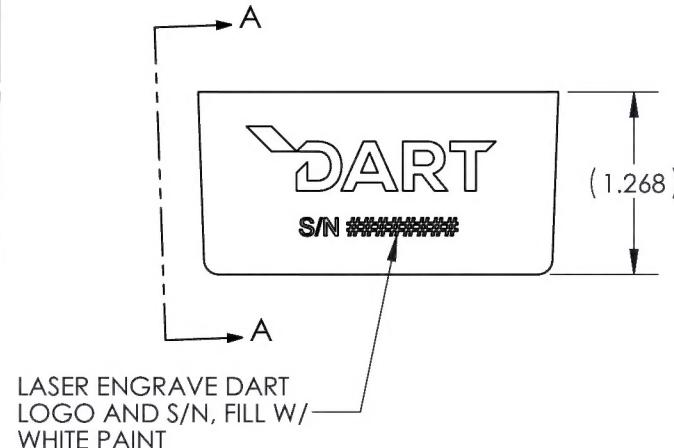
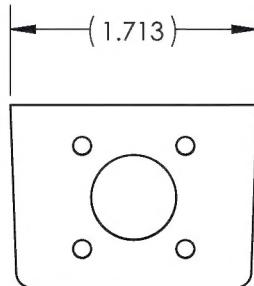
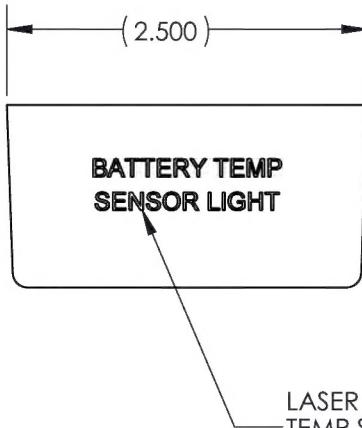
UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
.XXX ± .005 FRACTIONS ± 1/8  
.XX ± .01 ANGLES ± 5°  
X ± .1 SURFACES = 125

1. BREAK ALL SHARP EDGES  
.015 x 45° OR .015R  
2. DIMENSIONAL LIMITS APPLY  
AFTER PLATING  
3. INTERPRET DIM AND TOL PER  
ASME Y14.5M-2009  
USED ON MODEL  
BELL 412

SCALE 1:2 DATE 5/20/2016 SHEET 1 OF 4

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REV			ECR			DESCRIPTION			DATE			INITIAL			APPROVED		
2	17-0076		-1A CH'D DIM WAS $\emptyset$ .591 THRU IS $\emptyset$ .591 $\pm$ .25, WAS 4X $\emptyset$ .126 THRU IS 4X $\emptyset$ .126 $\pm$ .25.						3/31/2017			SM			JAG		



VIEW A-A

-1A

BOX - BOTTOM

NOTES:

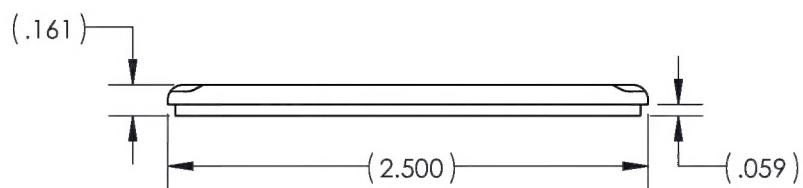
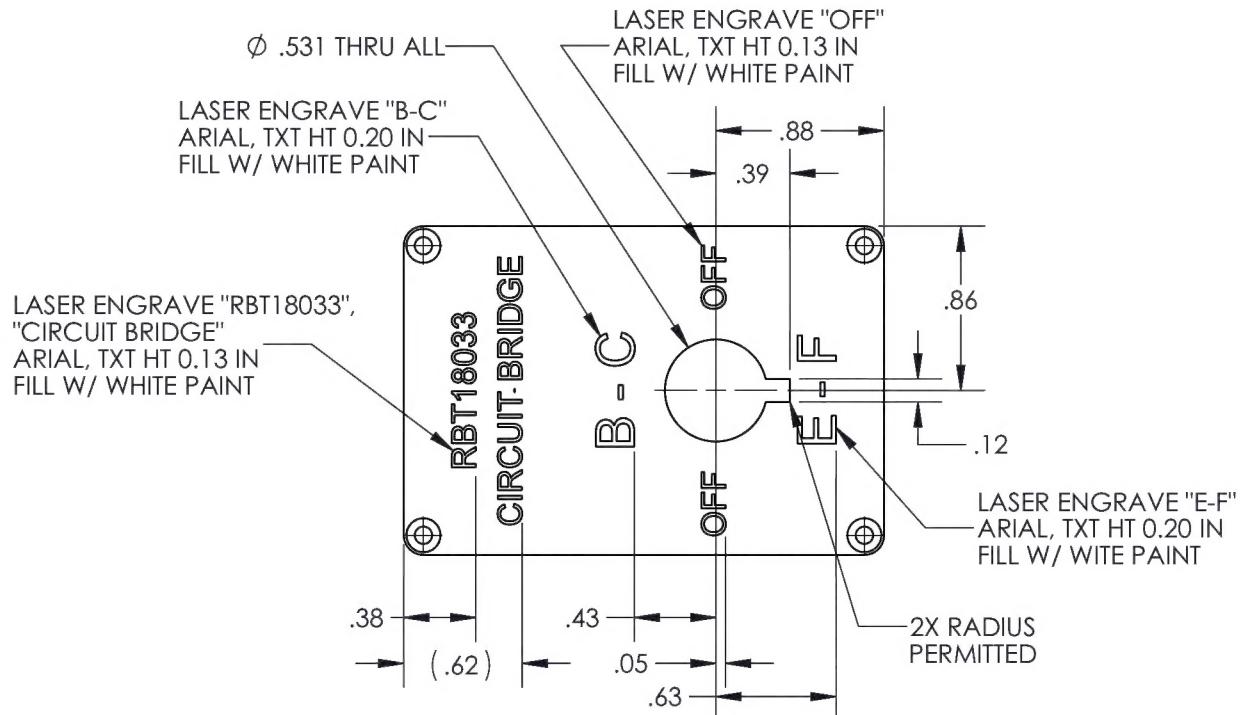
1. ALL HIDDEN LINES REMOVED.
2. USE PDF FOR ENGRAVINGS



TITLE		REV	
BATTERY TEMP CAUTION LIGHT TESTER		2	
DWG NO.		RBT18033-1A	
MATERIAL		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT TREAT		.XXX $\pm$ .005 FRACTIONS $\pm$ 1/8	
FINISH		.XX $\pm$ .01 ANGLES $\pm$ 5°	
SPEC		.X $\pm$ .1 SURFACES = 125	
DRAWN BY: MACKOVJAK		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED: DUERFELDT		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: LINDSAY		USED ON MODEL	
APPROVED: GILBERT		BELL 412	
SCALE 3:4		DATE 5/20/2016	
		SHEET 2 OF 4	

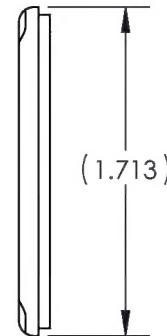
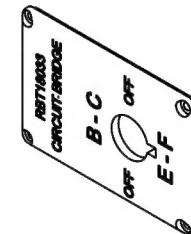
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REV			ECR			DESCRIPTION			DATE			INITIAL			APPROVED		
2	17-0076					-1B CH'D NOTE WAS LASER ENGRAVE S/N, "CIRCUIT BRIDGE" ARIAL, TXT HT 0.13 IN FILL W/ WHITE PAINT IS LASER ENGRAVE 'RBT18033'; "CIRCUIT BRIDGE" ARIAL, TXT HT 0.13 IN FILL W/ WHITE PAINT.				3/31/2017			SM		JAG		



-1B

BOX - TOP



NOTES:

1. ALL HIDDEN LINES REMOVED.
2. USE PDF FOR ENGRAVINGS.

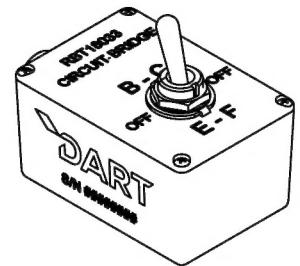
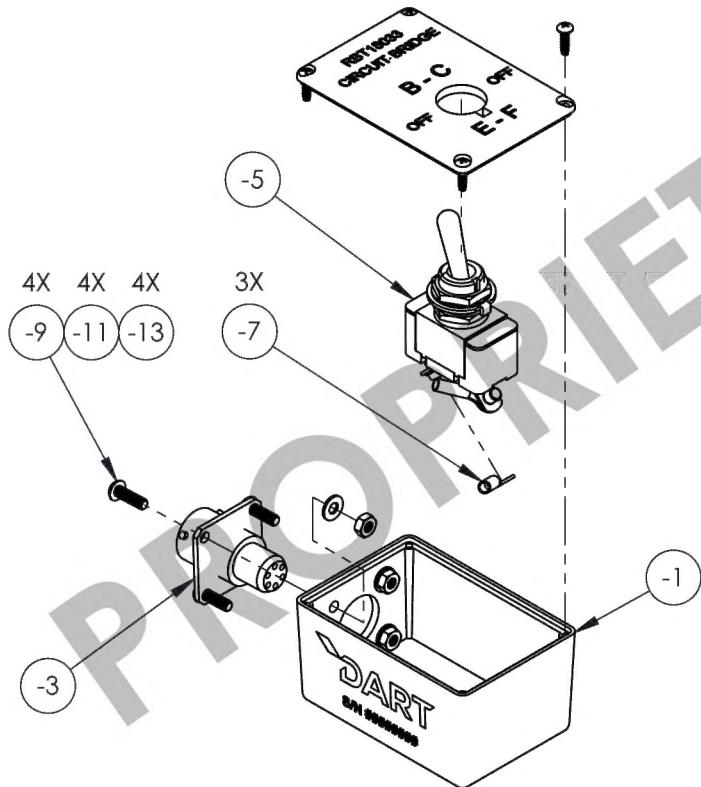
**DART**  
AEROSPACE

TITLE  
BATTERY TEMP CAUTION LIGHT TESTER

DWG NO. RBT18033-1B REV 2

MATERIAL ABS		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT TREAT	.XXX ± .005	FRACTIONS ± 1/8	
FINISH	.XX ± .01	ANGLES ± 5°	
SPEC	X ± .1	SURFACES = 125	✓
DRAWN BY:	MACKOVJAK	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED:	DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR:	ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR:	LINDSAY	USED ON MODEL	
APPROVED:	GILBERT	BELL 412	
SCALE	1:1	DATE	5/20/2016
			SHEET 3 OF 4

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NOTE:  
USED IN KIT RBT18025.

Part #	UNIT QTY	Description	Material
-1	1	BOX	ABS/STEEL
-3	1	CONNECTOR	
-5	1	TOGGLE SWITCH	
-7	3	RING TERMINAL CONNECTOR	
-9	4	BUTTON-HEAD SOCKET CAP SCREW	SS
-11	4	WASHER	SS
-13	4	NUT	SS
-15	1	WIRE 1 (NOT SHOWN)	
-17	1	WIRE 2 (NOT SHOWN)	
-19	1	WIRE 3 (NOT SHOWN)	
-21	1	WIRE 4 (NOT SHOWN)	

**DART**  
AEROSPACE

190 S. Danebo Ave., Eugene, OR. 97402  
1-800-556-4166  
e-mail: sales@dartaero.com  
dartaerospace.com

TITLE		BATTERY TEMP CAUTION LIGHT TESTER	
DWG NO.	REV	CUSTOMER 1 OF 1	
RBT18033	2		
SCALE 1:2	DATE 5/20/2016	SHEET	4 OF 4